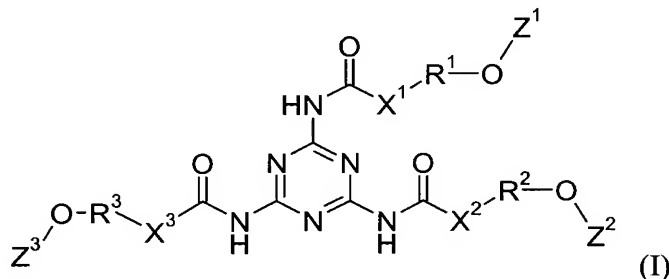


IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): A 1,3,5-triazine carbamate of formula (I)



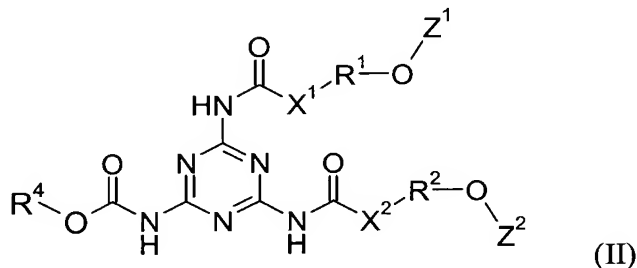
in which

R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> each independently of one another are a C<sub>1</sub>-C<sub>20</sub> alkylene group,

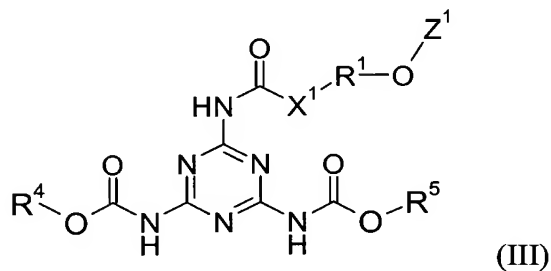
X<sup>1</sup>, X<sup>2</sup> and X<sup>3</sup> each are oxygen, and

Z<sup>1</sup>, Z<sup>2</sup> and Z<sup>3</sup> each independently of one another are methacryloyl or acryloyl.

Claim 2 (Previously Presented): A 1,3,5-triazine carbamate of formula (II)



or of formula (III)



in which

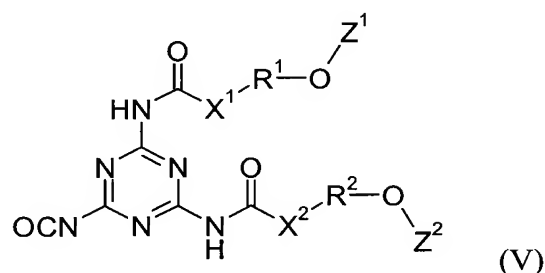
R<sup>1</sup> and R<sup>2</sup> each independently of one another are a C<sub>1</sub>-C<sub>20</sub> alkylene group,

$X^1$  and  $X^2$  each are oxygen,

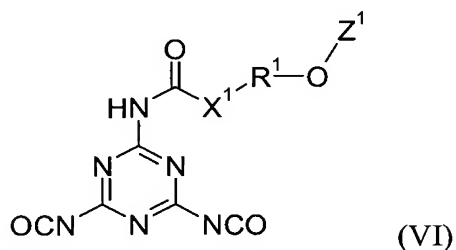
$Z^1$  and  $Z^2$  each independently of one another are methacryloyl or acryloyl, and

$R^4$  and  $R^5$  each independently of one another are  $C_1 - C_4$  alkyl.

Claim 3 (Previously Presented): An isocyanato-functional 1,3,5-triazine carbamate of formula (V)



or formula (VI)



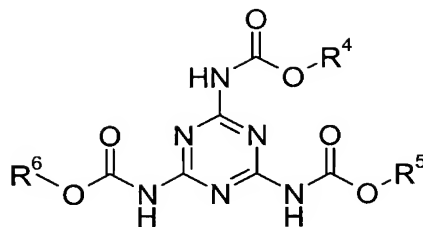
in which

$R^1$  and  $R^2$  each independently of one another are a  $C_1$ - $C_{20}$  alkylene group,

$X^1$  and  $X^2$  each are oxygen, and

$Z^1$  and  $Z^2$  each independently of one another are methacryloyl or acryloyl.

Claim 4 (Currently Amended): A radiation-curable composition comprising a 1,3,5-triazine carbamate, wherein the composition is obtained by reacting a compound of formula (IV)



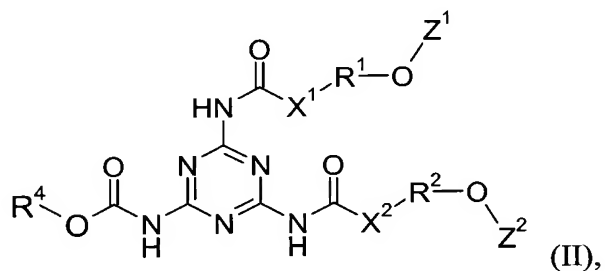
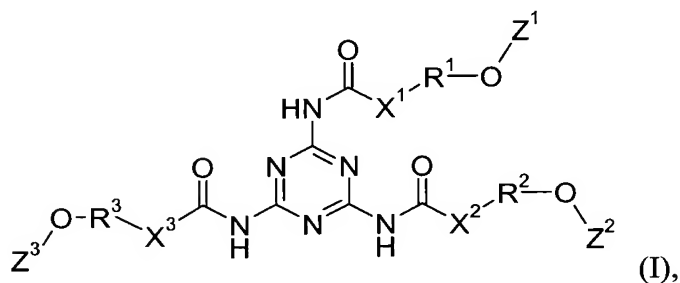
in which

$R^4$ ,  $R^5$  and  $R^6$  each independently of one another are a  $C_1 - C_4$  alkyl group,

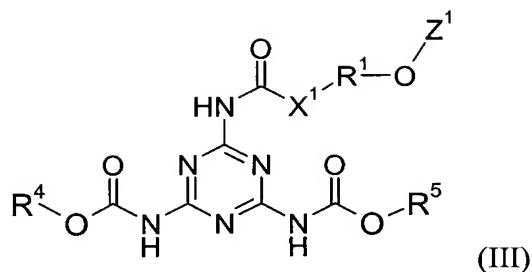
or by reacting 2,4,6-triisocyanato-1,3,5-triazine,

with a compound containing a hydroxyl or ~~amine~~ group and at least one methacryloyl or acryloyl group, wherein the compound has the formula  $Z^1-O-R^1-X^1-H$ ,  $Z^2-O-R^2-X^2-H$ , or  $Z^3-O-R^3-X^3-H$ , wherein  $R^1$ ,  $R^2$  and  $R^3$  each independently of one another are a  $C_1-C_{20}$  alkylene group,  $X^1$ ,  $X^2$  and  $X^3$  each are oxygen, and  $Z^1$ ,  $Z^2$  and  $Z^3$  each independently of one another are methacryloyl or acryloyl,

wherein the radiation curable 1,3,5-triazine carbamate has the following structure (I), (II) or (III):



or



in which

R<sup>1</sup>, R<sup>2</sup> and R<sup>3</sup> each independently of one another are a C<sub>1</sub>-C<sub>20</sub> alkylene group,

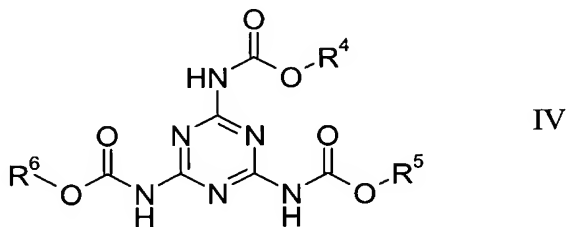
X<sup>1</sup>, X<sup>2</sup> and X<sup>3</sup> each are oxygen, and

Z<sup>1</sup>, Z<sup>2</sup> and Z<sup>3</sup> each independently of one another are methacryloyl or acryloyl.

Claim 5 (Currently Amended): A radiation-curable 1,3,5-triazine carbamate according to claim 4, wherein the compound containing a hydroxyl ~~or amino~~ group and at least one methacryloyl or acryloyl group is selected from the group consisting of polyether (meth)acrylates, polyesterol (meth)acrylates, urethane (meth)acrylates and epoxy (meth)acrylates.

Claim 6 (Currently Amended): A process for preparing a compound of formula (I) of claim 1, comprising:

reacting a compound of formula (IV)



in which

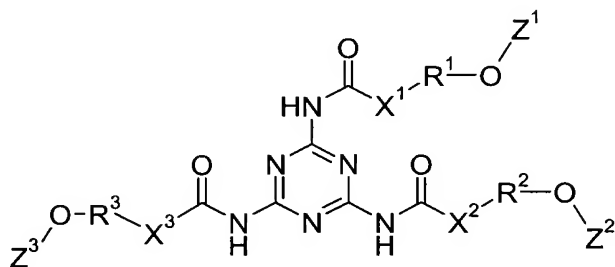
R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> in each case independently of one another can be C<sub>1</sub> – C<sub>4</sub> alkyl,

with at least one [[of an]] alcohol ~~and an amino~~ of formula

$Z^1-O-R^1-X^1-H$ ,  $Z^2-O-R^2-X^2-H$ , or  $Z^3-O-R^3-X^3-H$ , wherein  $R^1$ ,  $R^2$  and  $R^3$  each independently of one another are a  $C_1$ - $C_{20}$  alkylene group,  $X^1$ ,  $X^2$  and  $X^3$  each are oxygen, and  $Z^1$ ,  $Z^2$  and  $Z^3$  each independently of one another are methacryloyl or acryloyl.

Claim 7 (Currently Amended): A process for preparing a compound of formula (I),  
(II) or (III)

formula (I)



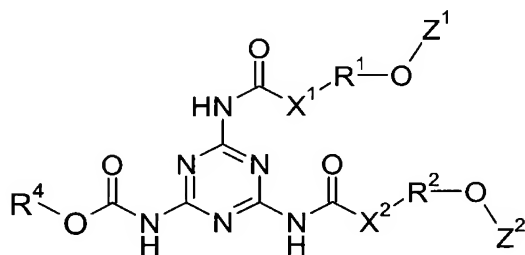
in which

$R^1$ ,  $R^2$  and  $R^3$  each independently of one another are a  $C_1$ - $C_{20}$  alkylene group,

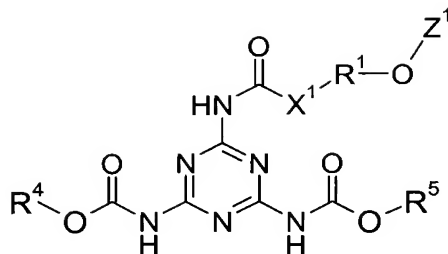
$X^1$ ,  $X^2$  and  $X^3$  each are oxygen and

$Z^1$ ,  $Z^2$  and  $Z^3$  each independently of one another are methacryloyl or acryloyl;

formula (II);



formula (III);



in which

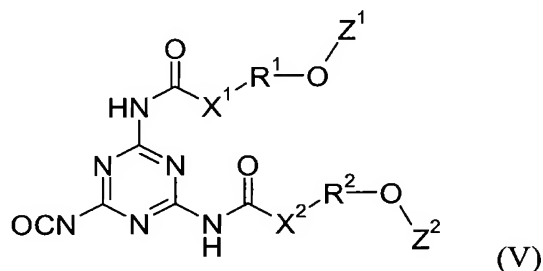
X<sup>1</sup>, X<sup>2</sup>, Z<sup>1</sup>, Z<sup>2</sup>, R<sup>1</sup> and R<sup>2</sup> are as defined in formula (I) and

R<sup>4</sup> and R<sup>5</sup> each independently of one another are C<sub>1</sub> – C<sub>4</sub> alkyl,

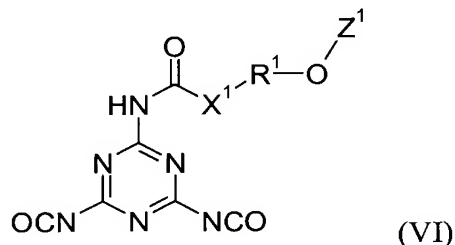
comprising:

reacting 2,4,6-trisocyanato-1,3,5-triazine with an alcohol ~~or amine~~ of formula Z<sup>1</sup>-O-R<sup>1</sup>-X<sup>1</sup>-H, Z<sup>2</sup>-O-R<sup>2</sup>-X<sup>2</sup>-H, or Z<sup>3</sup>-O-R<sup>3</sup>-X<sup>3</sup>-H and in the case of compound (II) or (III) by simultaneous, prior or subsequent reaction with alcohols of formula R<sup>4</sup>OH or R<sup>5</sup>OH, where R<sup>4</sup> and R<sup>5</sup> each independently of one another can be C<sub>1</sub> – C<sub>4</sub> alkyl.

Claim 8 (Previously Presented): A process for preparing a compound of formula (V)



or formula (VI)



in which

R<sup>1</sup> and R<sup>2</sup> each independently of one another are a C<sub>1</sub>-C<sub>20</sub> alkylene group,

X<sup>1</sup> and X<sup>2</sup> each are oxygen and

$Z^1$  and  $Z^2$  each independently of one another are methacryloyl or acryloyl comprising:  
reacting 2,4,6-triisocyanato-1,3,5-triazine with at least one of an alcohol of formula  
 $Z^1-O-R^1-X^1-H$  and an alcohol of formula  $Z^2-O-R^2-X^2-H$ .

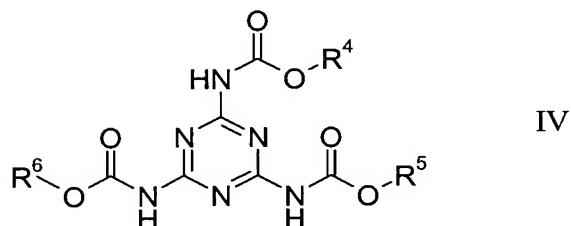
Claim 9 (Previously Presented): A coating composition comprising at least one  
radiation-curable 1,3,5-triazine carbamate according to claim 4.

Claim 10 (Previously Presented): A method comprising:  
radiation curing a composition comprising the compound of formula (I) of claim 1.

Claim 11 (Previously Presented): A method comprising:  
dual-curing a composition comprising at least one radiation-curable 1,3,5-triazine  
carbamate according to claim 4.

Claim 12 (Currently Amended): A process for preparing a compound of formula (I)  
of claim 2, comprising:

reacting a compound of formula (IV)



in which

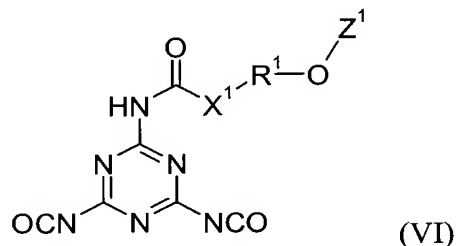
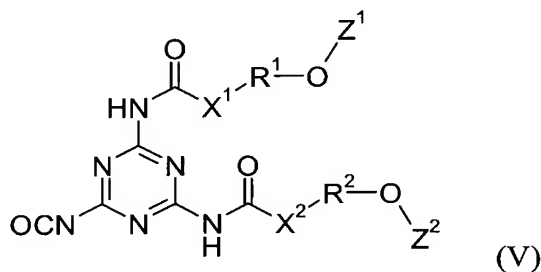
$R^4$ ,  $R^5$  and  $R^6$  in each case independently of one another can be  $C_1 - C_4$  alkyl,  
with at least one ~~[[of an]] alcohol and an amine~~ of formula

$Z^1-O-R^1-X^1-H$ [[,]] or  $Z^2-O-R^2-X^2-H$ , ~~or~~  $Z^3-O-R^3-X^3-H$ , wherein  $R^1$ [[,]] and  $R^2$  ~~and~~  $R^3$  each independently of one another are a  $C_1$ - $C_{20}$  alkylene group,  $X^1$ [[,]] and  $X^2$  ~~and~~  $X^3$  each are oxygen, and  $Z^1$ [[,]] and  $Z^2$  ~~and~~  $Z^3$  each independently of one another are methacryloyl or acryloyl.

Claim 13 (Previously Presented): A coating composition, comprising:  
 one or more of the 1,3,5-triazine carbamate of formula (I) of claim 1.

Claim 14 (Previously Presented): A coating composition, comprising:  
 one or more of the 1,3,5-triazine carbamate of formulas (II) and (III) of claim 2.

Claim 15 (Currently Amended): A coating composition, comprising:  
 one or more of the compounds of formulas (V) and (VI):



in which

$R^1$  and  $R^2$  each independently of one another are a  $C_1$ - $C_{20}$  alkylene group,

$X^1$  and  $X^2$  each are oxygen and



$Z^1$  and  $Z^2$  each independently of one another are methacryloyl or acryloyl-comprising.

Claim 16 (Previously Presented): A method, comprising:

dual-curing a composition comprising one or more of the 1,3,5-triazine carbamate of formula (I) of claim 1.

Claim 17 (Previously Presented): A method, comprising:

dual-curing a composition comprising one or more of the 1,3,5-triazine carbamate of formulas (II) and (III) of claim 2.

Claim 18 (Previously Presented): A method, comprising:

dual-curing a composition comprising one or more of the compounds of formula (V) and (VI) of claim 8.

Claim 19 (Previously Presented): The 1,3,5-triazine carbamate of claim 1, wherein  $R^1$ ,  $R^2$  and  $R^3$  each independently of one another are selected from the group consisting of 1,2-ethylene, 1,2-propylene, 1,3-propylene, 1,4-butylene, 1,6-hexylene, and 2,2-dimethyl-1,3-propylene.

Claim 20 (Previously Presented): The 1,3,5-triazine carbamate of claim 1, wherein  $R^1$ ,  $R^2$  and  $R^3$  are the same; and

$Z^1$ ,  $Z^2$  and  $Z^3$  are the same.

Claim 21 (Previously Presented): The 1,3,5-triazine carbamate of claim 2, wherein  $R^1$ ,  $R^2$  and  $R^3$  each independently of one another are selected from the group consisting of

1,2-ethylene, 1,2-propylene, 1,3-propylene, 1,4-butylene, 1,6-hexylene, 2,2-dimethyl-1,3-propylene.

Claim 22 (Previously Presented): The 1,3,5-triazine carbamate of claim 2, wherein  $R^1$ ,  $R^2$  and  $R^3$  are the same; and  
 $Z^1$ ,  $Z^2$  and  $Z^3$  are the same.

Claim 23 (Previously Presented): The isocyanato-functional 1,3,5-triazine carbamate of claim 3, wherein  $R^1$ ,  $R^2$  and  $R^3$  each independently of one another are selected from the group consisting of 1,2-ethylene, 1,2-propylene, 1,3-propylene, 1,4-butylene, 1,6-hexylene, 2,2-dimethyl-1,3-propylene.

Claim 24 (Previously Presented): The isocyanato-functional 1,3,5-triazine carbamate of claim 3, wherein  $R^1$ ,  $R^2$  and  $R^3$  are the same; and  
 $Z^1$ ,  $Z^2$  and  $Z^3$  are the same.

Claim 25 (Previously Presented): The radiation-curable 1,3,5-triazine carbamate of claim 4, wherein  $R^1$ ,  $R^2$  and  $R^3$  each independently of one another are selected from the group consisting of 1,2-ethylene, 1,2-propylene, 1,3-propylene, 1,4-butylene, 1,6-hexylene, 2,2-dimethyl-1,3-propylene.

Claim 26 (Previously Presented): The radiation-curable 1,3,5-triazine carbamate of claim 4, wherein  $R^1$ ,  $R^2$  and  $R^3$  are the same; and  
 $Z^1$ ,  $Z^2$  and  $Z^3$  are the same.

Claim 27 (Previously Presented): The process of claim 6, wherein  $R^1$ ,  $R^2$  and  $R^3$  each independently of one another are selected from the group consisting of 1,2-ethylene, 1,2-propylene, 1,3-propylene, 1,4-butylene, 1,6-hexylene, and 2,2-dimethyl-1,3-propylene.

Claim 28 (Previously Presented): The process of claim 6, wherein  $R^1$ ,  $R^2$  and  $R^3$  are the same; and

$Z^1$ ,  $Z^2$  and  $Z^3$  are the same.

Claim 29 (Previously Presented): The process of claim 7, wherein  $R^1$ ,  $R^2$  and  $R^3$  each independently of one another are selected from the group consisting of 1,2-ethylene, 1,2-propylene, 1,3-propylene, 1,4-butylene, 1,6-hexylene, 2,2-dimethyl-1,3-propylene.

Claim 30 (Previously Presented): The process of claim 7, wherein formula (I)  $R^1$ ,  $R^2$  and  $R^3$  are the same; and

$Z^1$ ,  $Z^2$  and  $Z^3$  are the same.

Claim 31 (Previously Presented): The process of claim 8, wherein  $R^1$ ,  $R^2$  and  $R^3$  each independently of one another are selected from the group consisting of 1,2-ethylene, 1,2-propylene, 1,3-propylene, 1,4-butylene, 1,6-hexylene, and 2,2-dimethyl-1,3-propylene.

Claim 32 (Previously Presented): The process of claim 8, wherein  $R^1$ ,  $R^2$  and  $R^3$  are the same; and

$Z^1$ ,  $Z^2$  and  $Z^3$  are the same.